

REV. NO.	DESCRIPTION	REVISION	DATE
△			8/4/16

ROADWAY PAY QUANTITY NOTES

- (R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.
- (R-5) AN ESTIMATED QUANTITY OF 4,850 C.Y. TOPSOIL TO BE RESERVED FOR REPLACEMENT OF APPROXIMATELY 5" ON COMPLETED FORESLOPES, DITCHES, AND BACKSLOPES. THIS QUANTITY IS INCLUDED IN THE EARTHWORK BALANCE. ANY ADDITIONAL EXCAVATION REQUIRED IN CUT SECTIONS TO ALLOW FOR PLACEMENT OF TOPSOIL TO FINAL GRADE, SHALL BE INCLUDED IN THE PRICE BID.
- (R-8) PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SY.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 20.44 ACRES.
- (R-13) ESTIMATED AT 200 POUNDS OF 10-20-10 FERTILIZER PER 1,000 SQ. YDS. OF SODDING AND/OR SPRIGGING.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-25) ESTIMATED AT 120 LBS. PER CU. FT.
- (R-28) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL. PER SQ. YD. WHEN APPLIED TO SUBGRADE, AND 0.25 GAL. PER SQ. YD. WHEN APPLIED TO AGGREGATE BASE. THE ACTUAL CUTBACK PRIME COAT REQUIRED FOR PLACEMENT OPERATIONS WILL BE DETERMINED BY THE CONTRACTOR, AND SHALL CONSIDER THE RESIDUE FROM DISTILLATION PERCENTAGE SHOWN IN SECTION 708.03 OF THE STANDARD SPECIFICATIONS.
- (R-32) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-44) PRICE BID TO INCLUDE COST OF 14 - 4" MOUNTABLE CURB HOODS, AND 66 - 6" BARRIER CURB HOODS.
- (R-48) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (UNLESS OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.
- (R-49) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.
- (R-50) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.
- (U-1) MEASUREMENT WILL BE BASED ON THE THEORETICAL CROSS-SECTION SHOWN ON THE TYPICAL SECTION, MULTIPLIED BY THE ACTUAL LENGTH.
- (U-2) PRICE BID TO INCLUDE COST OF TEMPORARY SEDIMENT REMOVAL.
- (U-3) ESTIMATED AT 0.075 GAL PER S.Y. PRIOR TO DILUTION.
- (U-4) SEE SHEET 52 FOR DETAILS.
- (U-5) THE MAPPED SOILS WITHIN THE PROJECT EXTENTS HAVE THE POTENTIAL TO BE DISPERSIVE. SOILS PLACED WITHIN THE GRADING SECTION SHOULD BE NON-DISPERSIVE AS DETERMINED ACCORDING TO AT LEAST TWO OF THE FOLLOWING TESTS: EMERSON CRUMB TEST, PINHOLE TEST (ASTM 4645), DOUBLE HYDROMETER TEST (ASTM 4221).
- (U-6) GRATES WILL BE USED FOR SPECIAL STRUCTURE. SEE SHEET 54 FOR DETAILS.
- (U-7) 6" ROUND SCHEDULE 40
- (U-11) ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.
- (U-12) INCLUDES 100 LF TEMPORARY PIPE TO BE USED FOR SEQUENCING IF APPROVED BY THE ENGINEER.

0100 ROADWAY PAY QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
201(A) 0102	CLEARING AND GRUBBING	LSUM	1.00
202(A) 0183	UNCLASSIFIED EXCAVATION (R-1)	CY	28,426.00
202(D) 0184	UNCLASSIFIED BORROW (R-1)(U-5)	CY	23,935.00
205(A) 4229	TYPE A-SALVAGED TOPSOIL (R-5)	LSUM	1.00
221(C) 2801	TEMPORARY SILT FENCE (U-2)	LF	2,775.00
221(D) 2803	TEMPORARY SEDIMENT FILTER (U-2)	EA	49.00
221(F) 0100	TEMPORARY SILT DIKE (U-2)	LF	256.00
221(G) 0153	TEMPORARY ROCK FILTER DAM TYPE 4 (U-2)	CY	4.00
230(A) 2806	SOLID SLAB SODDING (R-8)	SY	54,565.00
233(A) 2817	VEGETATIVE MULCHING (R-11)	AC	11.00
234(A) 2824	FERTILIZING (10-20-10) (R-13)	TON	6.00
241 2832	MOWING (R-16)	AC	22.00
303(B) 2110	AGGREGATE BASE TYPE B (U-1)	CY	12,547.00
319(B) 5254	OPEN-GRADED PORTLAND CEMENT BASE	SY	40,374.00
325 5271	SEPARATOR FABRIC	SY	100,385.00
326(A) 0100	GEOTEXTILE REINFORCEMENT	SY	49,621.00
402(E) 0225	TRAFFIC BOUND SURFACE COURSE TYPE E (R-25)	TON	4,352.00
407(B) 0250	TACK COAT (U-3)	GAL	1,752.00
408 5774	PRIME COAT (R-28)	GAL	34,024.00
411(A) 5930	SUPERPAVE, TYPE S2(PG 64-22 OK) (R-32)	TON	1,884.00
411(B) 5935	SUPERPAVE, TYPE S3(PG 76-28 OK) (R-32)	TON	572.00
411(B) 5945	SUPERPAVE, TYPE S3 (PG 64-22 OK) (R-32)	TON	523.00
411(C) 5950	SUPERPAVE, TYPE S4(PG 76-28 OK) (R-32)	TON	1,237.00
411(C) 5960	SUPERPAVE, TYPE S4(PG 64-22 OK) (R-32)	TON	529.00
412 5267	COLD MILLING PAVEMENT	SY	800.00
414(A) 0210	P.C. CONCRETE PAVEMENT(PLACEMENT)	SY	17,712.00
414(B) 5725	DOWEL JOINTED P.C. CONCRETE PAVEMENT(PLACEMENT)	SY	27,550.00
414(E) 0225	FULL DEPTH P.C. CONCRETE PATCHING(PLACEMENT ONLY)	SY	1,587.00
414(G) 5275	P.C. CONCRETE FOR PAVEMENT	CY	14,225.00
501(A) 0313	STRUCTURAL EXCAVATION UNCLASSIFIED	CY	59.00
509(A) 0319	CLASS AA CONCRETE	CY	146.00
509(B) 0321	CLASS A CONCRETE	CY	12.00
509(C) 0322	CLASS A CONCRETE, SMALL STRUCTURES	CY	34.00
509(D) 0325	CLASS C CONCRETE	CY	53.00
511(A) 0332	REINFORCING STEEL	LB	23,828.00
609(A) 0287	CONCRETE CURB (4" MNTBLE-INTEGRAL)	LF	843.00
609(A) 0300	CONCRETE CURB (6" BARRIER-INTEGRAL)	LF	3,803.00
609(A) 5864	CONCRETE CURB (6" BARRIER-DOWELLED)	LF	233.00
△ 609(B) 1513	1'-8" COMB. CURB & GUTTER (6" BARRIER)	LF	33.00
610(A) 0602	4" CONCRETE SIDEWALK	SY	755.00
610(B) 0604	6" CONCRETE DRIVEWAY	SY	766.00
610(C) 0608	4" CONCRETE DIVIDING STRIP	SY	176.00
610(I) 4610	TACTILE WARNING DEVICE-NEW	SF	64.00
611(G) 5112	INLET C1 DES. 2 (STD) (R-44)	EA	3.00
611(G) 5113	INLET C1 DES. 2 (B) (R-44)	EA	3.00
611(G) 5115	INLET C1 DES. 2 (D) (R-44)	EA	7.00
611(G) 5117	INLET C1 DES. 2 (2B) (R-44)	EA	1.00
611(G) 5327	INLET GPI TYPE 1 (DES. 1)	EA	6.00
611(G) 5329	INLET GPI TYPE 1 (DES. 3)	EA	1.00
611(G) 5334	INLET GPI TYPE 2 (DES. 8)	EA	2.00
611(G) 5699	INLET - LONGITUDINAL BARRIER - TYPE 1, DES. 2 (U-4)	EA	12.00
611(G) 5970	INLET W/SMALL JCT. BOX, C1, DES.2 (R-44)	EA	1.00
611(G) 5972	INLET W/SMALL JCT. BOX, C1, DES.2(B) (R-44)	EA	1.00
611(G) 5986	INLET W/SMALL JCT. BOX, C1, DES.3(D) (R-44)	EA	1.00
611(G) 6002	INLET (SMD-TYPE 2) (U-12)	EA	3.00
611(G) 6004	INLET (SMD-TYPE 2A)	EA	5.00
611(G) 6006	INLET (SMD-TYPE 2B)	EA	6.00
611(H) 5325	ADD'L DEPTH IN INLET C1 DES. 2	VF	18.91
611(H) 5374	ADD'L DEPTH IN INLET GPI TYPE 1	VF	0.66
611(H) 5375	ADD'L DEPTH IN INLET GPI TYPE 2	VF	3.20
611(H) 5970	ADD'L DEPTH IN INLET W/SJB, C1, DES. 2	VF	1.03
611(H) 5972	ADD'L DEPTH IN INLET W/SJB, C1, DES. 2(B)	VF	1.93
611(H) 5986	ADD'L DEPTH IN INLET W/SJB, C1, DES. 3(D)	VF	1.33

0100 ROADWAY PAY QUANTITIES (CONTINUED)			
ITEM	DESCRIPTION	UNIT	QUANTITY
611(K) 5961	(PL)RPL DROP INLET GRATES-CDI RCB DES.11 (U-6)	EA	7.00
611(L) 0487	JUNCTION BOXES	CF	698.00
613(A) 0491	18" R.C.P.I.PE CLASS 111	LF	4,100.00
613(A) 0492	24" R.C.P.I.PE CLASS 111	LF	1,148.00
613(A) 0493	30" R.C.P.I.PE CLASS 111	LF	1,101.00
613(A) 0494	36" R.C.P.I.PE CLASS 111	LF	688.00
613(A) 4498	43" X 26" R.C.P.I.PE ARCH CLASS A-111	LF	24.00
613(B) 0689	18" CORR. GALV. STEEL PIPE (U-12)	LF	110.00
613(H) 0450	6" PERFORATED PIPE UNDERDRAIN ROUND (U-11)	LF	500.00
613(J) 5915	EDGE DRAIN CONDUIT-PERFORATED (U-7)	LF	9,080.00
613(L) 5726	18" PREFAB. CULVERT END SECTION, ROUND	EA	2.00
613(L) 5732	30" PREFAB. CULVERT END SECTION, ROUND	EA	1.00
613(S) 1186	STANDARD BEDDING MATERIAL, CLASS B	CY	3,598.00
613(V) 1180	TRENCH EXCAVATION	CY	5,772.00
619(A) 0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS (R-48,R-49)	LSUM	1.00
619(B) 0291	REMOVAL OF HEADWALL (R-49,R-50)	EA	6.00
619(B) 4726	REMOVAL OF CURB AND GUTTER (R-49,R-50)	LF	2,800.00
619(B) 4727	REMOVAL OF CONCRETE PAVEMENT (R-49,R-50)	SY	5,321.00
619(B) 4728	REMOVAL OF ASPHALT PAVEMENT (R-49,R-50)	SY	33,843.00
619(B) 4766	REMOVAL OF CONCRETE DRIVEWAY (R-49,R-50)	SY	889.00
619(B) 4780	REMOVAL OF GUARDRAIL (R-49)	LF	1,524.00
619(B) 4792	REMOVAL OF SIDEWALK (R-49,R-50)	SY	458.00
619(B) 5881	REMOVAL OF CONCRETE DITCH LINER (R-49,R-50)	LF	1,335.00
619(C) 0924	SAWING PAVEMENT	LF	6,759.00
623(A) 0932	BEAM GUARDRAIL W-BEAM SINGLE	LF	1,325.00
623(F) 8300	GUARDRAIL TRAIL END TURNDOWN (31")	EA	1.00
623(I) 8700	GUARDRAIL BRIDGE CONN-THRIE BEAM (31")	EA	5.00
627(A) 4317	CONCRETE LONGITUDINAL BARRIER, DESIGN 1	LF	215.00
853 9066	GUARDRAIL DELINEATORS(TYPE 1, CODE 1)	EA	29.00

0600 STAKING PAY QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
642(B) 0096	CONSTRUCTION STAKING LEVEL 11	LSUM	1.00

0640 CONSTRUCTION PAY QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
220 2800	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1.00
640(A) 1426	FIELD OFFICE	EA	1.00
641 1552	MOBILIZATION	LSUM	1.00



Design	CKS	U.S. 69 - COMANCHE AVENUE	PITTSBURG COUNTY
Drawn	CKD	PAY QUANTITY AND NOTES (ROADWAY)	
Checked	CKE		
Approved			
Squad	C & K		
JOB PIECE NO. 14999(04)			